

WHAT IS CLAIMED IS:

1. A computer implemented method for organizing data on a display to facilitate testing of an integrated circuit design having a plurality of electrical functions, said method comprising:

segmenting said display into a plurality of regions;

displaying, in a first of said plurality of regions, information associated with a netlist as a plurality of cell names, with said cell names being listed in a listing sequence and corresponding to said plurality of electrical functions;

displaying in a second of said plurality of regions, a plurality of virtual buttons, a subgroup of which operates to commence testing of parameters of a set of said plurality of electrical functions, with the electrical functions included in said set being associated with a group of said plurality of cell names; and

identifying, among said plurality of cell names, cell names affiliated with said group.

2. The method as recited in claim 1 further including selectively associating individual cell names with said group by effectuating a cursor event with respect to one of said plurality of virtual buttons and identifying among said plurality of cell names, cell names associated with said set of said plurality of said electrical functions.

3. The method as recited in claim 1 wherein each of said plurality of cell names corresponds to an address in said sequence that differs from the address

corresponding to the remaining cell names in said sequence and further including affiliating cell names with said group by effectuating a cursor event with respect to one of said plurality of virtual buttons and identifying among said plurality of cell names, cell names that correspond to a range of addresses in said sequence associated with said set of said plurality of electrical functions.

4. The method as recited in claim 1 further including selectively affiliating all of said cell names with said group by effectuating a cursor event with respect to one of said plurality of virtual buttons and identifying all of said plurality of cell names.

5. The method as recited in claim 1 further including displaying a data entry field in a third of said plurality of regions to facilitate selecting, from multiple categories, a category of parameters of said set of said plurality of electrical functions to test.

6. The method as recited in claim 1 further including testing said parameters of said set of said plurality of electrical functions and displaying in a fourth of said plurality of regions information concerning results of said testing.

7. The method as recited in claim 1 further including sequentially testing said parameters of said set of said plurality of electrical functions, with an order in which the electrical functions of said set are tested being independent of an order in which said cell names are arranged in said listing sequence.

8. The method as recited in claim 1 wherein identifying said groups further includes displaying a visually perceivable identifier with said cell names.

9. The method as recited in claim 1 wherein identifying said groups further includes displaying a visually perceivable identifier with said cell name groups while maintaining said listing sequence.

10. A computer network to organize data on a display to facilitate testing of an integrated circuit design having a plurality of electrical functions, said network comprising:

a server storing a netlist;

a client terminal in data communication with said server, said client terminal having a display segmented into a plurality of regions, with information, associated with said netlist, being displayed in a first of said plurality of plurality of regions as a plurality of cell names, said cell names being ordered in a listing sequence and corresponding to a plurality of electrical functions, and a plurality of virtual buttons being displayed in a second of said plurality of regions, a subset of which operate to commence testing of parameters of a set of said plurality of electrical functions, the electrical functions included in said set being associated with a group of said plurality of cell names, said plurality of cell names affiliated with said group having a visually perceivable identifier associated therewith.

11. The network as recited in claim 10 wherein said visually perceivable identifier consists of having a region of said computer surrounding cell names, affiliated with said group, displayed in a color that differs from displayed in the region surrounding the remaining cell names of said plurality of cell names.

12. The network as recited in claim 10 wherein said visually perceivable identifier consists of an icon displayed adjacent to said cell names affiliated with said group.

13. The network as recited in claim 10 wherein said display further includes a data entry field displayed in a third of said plurality of regions to selectively allow access to said netlist.

14. The network as recited in claim 10 wherein said display further includes information concerning results of tests of said parameters of said set, with said information being displayed in a fourth of said plurality of regions.

15. A computer product having a computer readable medium that contains a program to control a server and a client terminal over a network said client terminal having a display to facilitate testing of an integrated circuit design having a plurality of electrical functions, said computer product comprising:

computer code to segment said display into a plurality of regions;

computer code to display, in a first of said plurality of regions, information associated with a

10033229-00000000

netlist as a plurality of cell names, with said cell names being listed in a listing sequence and corresponding to said plurality of electrical functions;

computer code to display, in a second of said plurality of regions, a plurality of virtual buttons, a subgroup of which operates to commence testing of parameters of a set of said plurality of electrical functions, with the electrical functions included in said set being associated with a group of said plurality of cell names; and

computer code to identify, among said plurality of cell names associated with said group.

16. The computer product as recited in claim 15 further including computer code to selectively affiliate individual cell names with said group in response to a cursor event effectuated with respect to one of said plurality of virtual buttons.

17. The computer product as recited in claim 15 wherein said computer code to display in a first of said plurality of regions, information associated with a netlist further includes a first subroutine to affiliate each of said plurality of cell names corresponding to an address in said sequence that differs from the address corresponding to the remaining cell names in said sequence, and further including computer code to affiliate cell names with said group in response to a cursor event with respect to one of said plurality of virtual buttons, with said computer code to affiliate further including an additional subroutine to identify among said plurality of cell names, cell names that correspond to a range of addresses in said sequence

associated with said set of said plurality of electrical functions.

18. The computer product as recited in claim 15 further including computer code to selectively affiliate all of said cell names with said group by effectuating a cursor event with respect to one of said plurality of virtual buttons.

19. The computer product as recited in claim 15 further including computer code to display, in a third of said plurality of regions, a data entry field to facilitate selecting, from multiple categories, a category of parameters of said set of said plurality of electrical functions to test.

20. The computer product as recited in claim 15 further including computer code to display, in a fourth of said plurality of regions, information concerning a test of said parameters.